

PROJECT NAME: Westside Wastewater Infrastructure Development

RECIPIENT: Provo City

LOCATION: Provo, UT

PURPOSE: The Provo Westside Wastewater Infrastructure Development Project will provide sanitary sewer infrastructure to areas of the City that currently are not serviced by sanitary sewer facilities and to areas in environmentally sensitive locations that are key to the economic vitality of the region. This project is situated on the east side of Utah Lake. The Provo River runs through the areas serviced by this project. This project will decrease the likelihood of a sanitary sewer overflow into Utah Lake and the Provo River, which provides a critical water supply for irrigation of farmlands in Utah, Salt Lake, Summit and Wasatch Counties, as well as an assured domestic water supply for communities in northern Utah County and the Salt Lake Valley.

The first aspect of the project will construct a sanitary sewer trunk line that will bypass two sewer lift stations. This will reduce the energy costs associated with pumping as well as the danger of sanitary sewer overflows into the Provo River, a spawning site for the endangered June Sucker. This line will also provide sanitary sewer service to existing homes that are currently on septic systems. Septic systems discharge raw sewage directly into the ground and have the potential to contaminate the ground water. Septic systems are also difficult to maintain and operate because of the high ground water levels present in the area. The second aspect of the project will construct a sewer lift station to provide sanitary sewer service to an area that cannot be served by a gravity sewer line, but is essential to the economic growth and vitality of the region. The third aspect of the project will build sanitary sewer infrastructure in an area that is key to the development and management of the Provo Municipal Airport as a base for regional air traffic.

This project meets the goals of the Clean Water Act (CWA), which is the cornerstone of surface water quality protection in the United States. The CWA was enacted with the goal of sharply reducing direct pollutant discharges into waterways, finance municipal wastewater treatment facilities, and manage polluted runoff, with the broader goal of restoring and maintaining the chemical, physical, and biological integrity of the nation's waters. Infrastructure funding under the EPA-STAG account provides financial assistance to States, municipalities, and tribal governments to fund a variety of water and wastewater projects. These funds are essential to fulfilling the federal government's commitment to provide adequate funding to construct the facilities that comply with federal environmental requirements to ensure public health and revitalize contaminated properties.

This project will improve sanitation and public health around Provo by limiting sewage overflow and improving water quality. It will also protect the June sucker, which is listed as a federally endangered species. This is a valuable use of taxpayer money because expanding the City's water supply and storage capacity is critical for future economic growth of the region. It is also key to the development of the Provo Airport as a base for regional air traffic. This project would result in an estimated savings of \$35,000 per year in pumping costs, or \$500,000 over 20 years. Additionally, once the gravity line is

installed, the sewer system would never need to be pumped again. At \$0.08/KwH, this equates to a savings of 437,500 KwH/year.

AMOUNT: \$3,148,188